



**PRODUCT SPECIFICATION SHEET**

**TIGERLOOP TWIN DEAERATOR**

**BRAND:**

**SPXFLOW**

**TOP SPEC:**

**Max Flow  
400lph**

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**Product Description**

In an oil heating system using a Tigerloop Twin, all oil passes through the automatic oil de-aerator, which effectively removes all gas/air bubbles from the system. This eliminates oil pump and nozzle problems associated with gas/air in the oil.

The Tigerloop Twin is comprised of two units of standard Tigerloop conveniently connected in parallel and combined with a separate oil filter. The oil filter (tank connection) can be installed on either side of the unit.

The Tigerloop Twin is for larger capacity burners up to 2000 kW.

A Tigerloop makes a one-pipe system possible for all types of oil heating installations helping to ensure environmental safety, cost effectiveness and reliability.



**Main Features**

- Doubles the de-aeration capacity in one easy to install, perfectly balance unit
- Installation is done with fewer connections
- Comes complete with filter bowl and filter element in box
- Tank connection - 3/8"
- Maximum operating Temperature of 60°C
- Automatic de-aerator for oil burner
- Pump Connection - 1/2"

**Other Features**

•Nozzle Capacity - 200lph	•De-aerating capacity - 16lph
•Oil Flow - 400lph	•Max/Min Pressure of +0.5/-0.6
•Pump Connection - 1/2"F	•Outlet Connection 3/8"F BSP
•Filtration Grade - 100-150 Micron	•Reduces air in the system by up to 95%

**Additional Information & Extras**

Tigerloop Twin Deaerator	TL61101-T
Replacement 100-150 Micron Filter	TL61101-F
Tigerloop External Fitting Kit	TL6050

**NEED MORE INFORMATION?**

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Tigerloop Twin Deaerator  
SKU: TL61101-T

## OWN TWO-PIPE CIRCULATION

An oil pump delivers the same amount of oil irrespective of what is actually needed for combustion.

In the case of a normal domestic burner, only 5% of the delivered oil is actually burned in combustion. The remaining 95% is transported by a two-pipe system back to the oil tank.

With a Tigerloop automatic oil de-aerator no oil needs to be transported back to the tank.

The oil that is not burned in combustion is lead back to the Tigerloop where it is de-aerated again and again automatically.

For this reason only the amount of oil to be burned in combustion is sucked from the oil tank.

## EFFECTIVE DEAERATION

In an oil heating system using a Tigerloop, all oil passes through the automatic oil de-aerator, which effectively removes all gas/air bubbles from the system.

This eliminates oil pump and nozzle problems associated with gas/air in the oil.



Replacement 100-150 Micron Filter  
(TL61101-F)

## PRE-HEATED OIL

A one-pipe system with Tigerloop Deaerator increases the oil pump capacity. Moreover, the oil is actually preheated to at least room temperature as friction in the oil pump generates heat. This eliminates problems with cold oil giving cleaner combustion and reduced oil consumption.

## MINIMUM DIRT/SLUDGE

The oil flow in a one-pipe system is minimal due to the fact that only the amount of oil burned needs to be drawn up from the tank. For this reason very little dirt/sludge is transported from the oil tank. This reduces the risk for clogged oil filters and burner nozzles.

Filtration is more effective, soot build up is reduced and filter life is extended.



Tigerloop External Fitting Kit  
(TL6050)

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